

LIST OF INFORMATION CITED BY APPLICANT

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APPENDIX

Brockhaus et al.

FILING DATE

May 19, 1995

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	A1	5,116,964	5/26/92	Capon et al.		
J	A2	4,948,875	8/14/90	Tanaka et al.		
J	A3	4,816,567	3/28/89	Cabilly et al.		
J	A4	4,770,995	9/13/88	Rubin et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY-	CLASS	SUBCLASS	TRANSLATION
							YES NO
<i>b</i>	B1	325 224	7/28/89	Europe			
<i>a</i>	B2	2218101	11/8/89	Great Britain			
<i>c</i>	B3	9013575	11/15/90	PCT			
<i>d</i>	B4	393 438	4/6/90	Europe			
<i>e</i>	B5	308 378	3/22/89	Europe			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>J</i>	C1	Gen Seq DBase Printout. No date available
	C2	Stauber et al., "Human tumor necrosis factor- α receptor - purification by immunoaffinity chromatography and initial characterization", J. Bio. Chem. 263:19098-19104 (1988).
<i>J</i>	C3	Seckinger et al., "Purification and biologic characterization of a specific tumor necrosis factor α inhibitor", J. Bio. Chem. 264:11966-11973 (1989).

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Brockhaus et al.

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
<i>B</i>	B6	398 327	11/22/90	Europe				
<i>B</i>	B7	422 339	4/17/91	Europe				
<i>B</i>	B8	412 486	2/13/91	Europe				
<i>B</i>	B9	91/03553	3/21/91	World				
<i>B</i>	B10	418 014	3/20/91	Europe				

OTHER ART (Including Author, Title, Date, Participant Pages, Etc.)

<i>f</i>	C4	Engelmann et al., "A tumor necrosis factor-binding protein purified to homogeneity from human urine protects cells from tumor necrosis factor toxicity", J. Bio. Chem. 264:11974-11980 (1989)
<i>f</i>	C5	Hohmann et al., "Two different cell types have different major receptors for human tumor necrosis factor (TNF)", J. Bio. Chem. 264:14927-14934 (1989)
<i>f</i>	C6	Smith et al., "A receptor for tumor necrosis factor defines an unusual family of cellular and viral proteins", Science 248:1019-1023 (1990)
EXAMINER		DATE CONSIDERED <i>Y-21-01</i>

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<i>J</i>	C7	Heller et al., "Complementary DNA cloning of a receptor for tumor necrosis factor and demonstration of a shed form of the receptor". Proc. Natl. Acad. Sci. U.S.A. 87:6151-6155 (1990)
<i>K</i>	C8	Novick et al., "Soluble cytokine receptors are present in normal human urine", J. Exp. Med. 170:1409-1414 (1989)
<i>J</i>	C9	Engelmann et al., "Two tumor necrosis factor-binding proteins purified from human urine", J. Biol. Chem. 265:1531-1536 (1990)

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U.S. PATENT DOCUMENTS

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

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C10	Schall et al., "Molecular cloning and expression of a receptor for human tumor necrosis factor", Cell 61:361-370 (1990)
C11	Seckinger et al., "Tumor necrosis factor inhibitor: purification, NH ₂ -terminal amino acid sequence and evidence for anti-inflammatory and immunomodulatory activities", Eur. J. Immunol. 20:1167-1174 (1990)
C12	Hohmann et al., "Expression of the types A and B tumor necrosis factor (TNF) receptors is independently regulated, and both receptors mediate activation of the transcription factor NF- κ B", J. Biol. Chem. 265:22409-22412 (1990)

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C13 Espevik et al., "Characterization of binding and biological effects of monoclonal antibodies against a human tumor necrosis factor receptor", J. Exp. Med. 171:415-426 (1990)

C14 Porteu and Nathan, "Shedding of tumor necrosis factor receptors by activated human neutrophils", J. Exp. Med. 172:599-607 (1990)

C15 Engelmann et al., "Antibodies to a soluble form of a tumor necrosis factor (TNF) receptor have TNF-like activity", J. Bio. Chem. 265:14497-14504 (1990)

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C16 Seckinger et al., "Characterization of a tumor necrosis factor α (TNF- α) inhibitor: evidence of immunological cross-activity with the TNF receptor", Proc. Natl. Sci. USA 87:5188-5192 (1990)

C17 Gray et al., "Cloning of human tumor necrosis factor (TNF) receptor cDNA and expression of recombinant soluble TNF-binding protein", Proc. Natl. Sci. USA 87:7380-7384 (1990)

C18 Loetscher et al., "Molecular cloning and expression of the human 55 kd tumor necrosis factor receptor", Cell 61:351-359 (1990)

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Brockhaus et al.

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May 19, 1995

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OTHER ART (Including Author, Title, Date, Permanent Pages, Etc.)

C19 Peppel et al., "Chimaeric TNF-receptor - IgG molecule acts as soluble inhibitor of TNF mediated cytotoxicity", Journal of Cellular Biochem. Abstract, 20th Annual Meetings, Keystone Symposia on Molecular and Cellular Biology, p. 118, Supplement 15F (1991)

C20 Olsson et al., "Isolation and characterization of a tumor necrosis factor binding protein from urine", Eur. J. Haematol. 42:270-275 (1989)

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C21 Capon et al., "Designing CD4 immunoadhesins for AIDS therapy",
Nature 337:525-530 (Feb. 9, 1989).

C22 Abstract 92-009794/02 (1992) for EP 464 533

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[Zachary Howard]

08/02/2011